

19980529.qrp v01_n106.qrs.980529

Date: Fri, 29 May 1998 19:03:23 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1106

QRP-L Digest 1106

Topics covered in this issue include:

- 1) [11951] who was that?
by "Jay Heffner" <cjayheff@erols.com>
- 2) [11952] Re: Barry Goldwater K7UGA
by DYARNES@aol.com
- 3) [11953] AADE L/C IIB
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 4) [11954] Speed-X key is sold -- another source
by "Michael Fletcher" <kl7ixi@mailcity.com>
- 5) [11955] Intelligent radio
by Norm Melick <henmel@postoffice.worldnet.att.net>
- 6) [11956] Elmer 101 - Sw30 kit- Trouble
by David Shalita <af389@lafn.org>
- 7) [11957] Elmer 101 - SW30+ in my enclosure -question
by David Shalita <af389@lafn.org>
- 8) [11958] Re: Polyakov, YU2HL and Doubling Mixers
by Bruce Muscolino <w6toy@erols.com>
- 9) [11959] TAContest
by kt3a@juno.com (Cameron C.R. Bailey)
- 10) [11960] The elusive YU front end for the HW-7
by Bruce Muscolino <w6toy@erols.com>
- 11) [11961] 38S 5W mod
by "Jay Heffner" <cjayheff@erols.com>
- 12) [11962] Solar Report 28 May
by Paul Harden <pharden@aoc.nrao.edu>
- 13) [11963] 2222
by sigcom@juno.com (Stephen M Smith)
- 14) [11964] 10 meters
by Wayne Alexander <walexander@wwn.net>
- 15) [11965] W2UX - CW Fox Count Now at TEN.
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 16) [11966] Re: Adventurer/QRP'er Sightings on PCT?
by "Frank A. West" <ke6vbm@earthlink.net>
- 17) [11967] Re: [CW] Flexible thinking about c.w. requirements is needed!
by DYARNES@aol.com
- 18) [11968] Re: Polyakov, YU2HL and Doubling Mixers
by Leon Heller <leon@lfheller.demon.co.uk>
- 19) [11969] The Happy Dance (longish)

- by MJC191@aol.com
- 20) [11970] Re: Elmer 101 - Sw30 kit- Trouble
by Leon Heller <leon@lfheller.demon.co.uk>
 - 21) [11971] DD-1 is sold
by Joseph Trombino jr <joebarb@wilmington.net>
 - 22) [11972] 6 is Hot, 10 improving
by Chuck Carpenter <w5usj@webwide.net>
 - 23) [11973] RE: 10 meters
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
 - 24) [11974] QRP on 6
by "Bryan Turner" <turnerw@email.uah.edu>
 - 25) [11975] Antenna Analyzer Schematics
by "Heron, George" <G.Heron@dialogic.com>
 - 26) [11976] 30 mtrs
by bkobie@webtv.net (patrick obrien)
 - 27) [11977] Re: Elmer 101 - Sw30 kit- Trouble
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
 - 28) [11978] Koss Pro4 Headphones and Audio Drive
by "James R. Duffey" <ji3m@maxwell.com>
 - 29) [11979] Antenna for sale
by Martin E Hartwell x2091 <meh@cbsms1.cb.lucent.com>
 - 30) [11980] Re: Koss Pro4 Headphones and Audio Drive
by "Paul Christensen" <paulc@mediaone.net>
 - 31) [11981] Bulletin: Goldwater SK
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
 - 32) [11982] Goldwater
by Bruce Rattray <rattray@gpfn.sk.ca>
 - 33) [11983] Re: Sen Barry Goldwater
by John Evans - N0HJ <jaevans@codenet.net>
 - 34) [11984] Argo 509s
by Lisa Osier <osier@northnet.org>
 - 35) [11985] Re: Bulletin: Goldwater SK
by Paul Harden <pharden@aoc.nrao.edu>
 - 36) [11986] NJQRP Meeting Beacon
by Ken Newman <n2cq@citnet.com>
 - 37) [11987] Sierra mods...
by Rohn <rohn@pubrats.com>
 - 38) [11988] Re: Adventurer/QRP'er Sightings on PCT?
by Ed Loranger <we6w@qsl.net>
 - 39) [11989] QRPP Index Updated
by adams@chuck.dallas.sgi.com (Chuck Adams)
 - 40) [11990] Re: Bulletin: Goldwater SK
by Jack Parker <Pparker@greatbasin.net>
 - 41) [11991] Why 6M beats 40
by MNHopkins@aol.com
 - 42) [11992] Re: Sierra mods...
by Rohn <rohn@pubrats.com>
 - 43) [11993] Re: NJQRP Meeting Beacon (Corrected)

by Ken Newman <n2cq@citnet.com>
44) [11994] Barry Goldwater, K7UGA SK
by DYARNES@aol.com
45) [11995] Re: Sen Barry Goldwater
by DYARNES@aol.com
46) [11996] Re: Bulletin: Goldwater SK
by Chris Trask <ctrask@primenet.com>
47) [11997] Ooops. QRPP.INDEX
by adams@chuck.dallas.sgi.com (Chuck Adams)
48) [11998] Barry Goldwater
by "Ron Polityka" <wb3aal@talon.net>
49) [11999] Charger Kits
by John Bohnert <johnb@elmhurst.edu>
50) [12000] SOLAR: need recommendations, panels & control
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
51) [12001] Re: QRPP
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
52) [12002] Re: SOLAR: need recommendations, panels & control
by Bob Bayha <rbayha@ix.netcom.com>

Date: Thu, 28 May 1998 17:20:13 -0400
From: "Jay Heffner" <cjayheff@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [11951] who was that?
Message-ID: <01bd8a7e\$673c7650\$0b6daccf@scs-micron1.eng.usps.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Someone needed a artical about a regenerative RX, and I told them that I had it, however, I lost their address. Whoever it was, pse email me agn with your mailing address. TNX.

73,
Craig, KF4NYZ

Date: Thu, 28 May 1998 19:53:24 EDT
From: DYARNES@aol.com
To: pharden@aoc.nrao.edu, qrp-1@Lehigh.EDU
Subject: [11952] Re: Barry Goldwater K7UGA
Message-ID: <9faa7a53.356df8f5@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 5/28/98 7:25:57 AM US Mountain Standard Time,
pharden@aoc.nrao.edu writes:

<< Any update report on Barry? Not a word on the national news I watched
or the local boys. Only mention I heard was on the "Art Bell" show
last night. >>

The immediate family apparently is claiming that he is not on his "death bed",
but this afternoon's Tucson paper and some local radio coverage indicates it
may truly be that serious. Supposedly his daughter cut short a vacation in
Mexico to return home. Lots of uncertainty at this point, but it sure seems
highly probable that he is having some kind of serious health problem. You
just don't know what to believe at this point.

At any rate, we can hope that there is a chance he will get better. It would
still be a good opportunity for us to "cheer" him up if possible. All we need
to do is say that we heard he was ill and we hope he gets better. No reason
at this point to assume the worst. I'll let you know if more info is
available here.

72 de Dave W7AQK

Date: Fri, 29 May 1998 01:14:20 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [11953] AADE L/C IIB
Message-ID: <199805290014.BAA06258@chuck.dallas.sgi.com>

Gang,

Just a quick question. I own and use an Almost All Digital
Electronics L/C Meter IIB. But I can't find the manual/schematic
right now and I've looked in all my favorite hiding places.

So, if you have one handy tell me. Can I apply a DC voltage across the
measured critter while it is attached to the meter?

TIA

Chuck Adams K5FO Dallas, TX

CP-60

<http://reality.sgi.com/adams> adams@sgi.com

Date: Thu, 28 May 1998 17:14:33 -0700
From: "Michael Fletcher" <kl7ixi@mailcity.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
Subject: [11954] Speed-X key is sold -- another source
Message-ID: <PCLCHFGOCHIEEAAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The E.F. Johnson Speed-X key has been spoken for and will be shipped tomorrow.
Thanks to all who replied -- things move fast on this list.

The latest rendition of this classic is available at:
<http://www.mtechnologies.com/nye.htm>
The key is now made by Nye-Viking but the design has remained virtually unchanged
for the past 45 years.

72,
Mike KL7IXI/7
Vancouver, WA
Sierra, SW-40+, 49er, TiXIE, .38 Special
40m extended double zepp, MFJ Portable Tuner

Get your FREE, private e-mail
account at <http://www.mailcity.com>

Date: Thu, 28 May 1998 17:29:28 -0700
From: Norm Melick <henmel@postoffice.worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [11955] Intelligent radio
Message-ID: <356E0168.A770B5FD@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A while back, a few people were talking about Randy Henderson's
"Build Your Own Intelligent Amatuer Radio Transceiver." I am
curious.

1. Is this a general coverage transceiver, or is it specific to one particular band?

2. Is anyone building, or running this rig?

Thanks.

Norm/KQ6SD

Date: Thu, 28 May 1998 18:14:06 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [11956] Elmer 101 - Sw30 kit- Trouble
Message-ID: <356E0BDE.21748B57@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks, I am learning and having fun but do need some help.
I am using a pair of KOSS PR04 head phones with my kit.
Does anyone know the impedance of these BEAUTIFUL OLD headphones?
When I wire both ears in parallel, my kit audio and side tone
drop too low. Could these phones be too low Z for the NE5532 amp?
Now only one ear is being driven, audio sounds good.

My Sw30+ kit is complete.
During day hours, I hear lots of QRM and QRN but rarely a station.
I hear a few stations only at night. Some are quite loud, some are too faint to copy.
Antenna is presently receive only and really marginal...will improve soon.
I think the RX section is OK, just poor antenna causing QRN QRM and weak signals.

TX power out looks OK. Key down tone is clean and measures 841 hz.
Is 841 hz correct or should frequency be closer to 800 hz?
VFO Frequency change is smooth with TUNE pot.

Troubles are as follows:

-
1. My SW30+ Board is microphonic near NE5532 and parts.
Caps C20 and C21 are most sensitive, cause largest pulses on scope when tapped.

Should the board be microphonic when tapped or moved?

Microphonic noise is best seen by removing antenna connection (quiets RX audio) and looking with scope at junction C27 and R14, with headphone attached and tapping parts or moving board.

Microphonic was most noticable when I installed completed board in a home made sheet metal U shaped chassis. Touching the case, moving the case, rotating TUNE and RF GAIN POTs causes an annoying SOUND in headphone.

Using finger test, for NE5532 cRUDE gain estimate....

Touching R3 causes 3v pp output at junction C27-R14, and headphone. Touching R2 causes .5 to .7 v pp. Should the gain be the same when touching each resistor with finger? Should gain be same from pin 4 and pin 5 of U3 to output C27-R14 if I inject a few millivolts of 800 hz single ended to ground?

To get accurate gain check for NE5532, must I check transformer couple 800 HZ into pins 4 and 5 of U3 with U3 removed and measure at C27-R14?

2. When turning off power to board (8 AMP PS stays on), a loud screech is briefly heard in the headphone. Screech is also heard but pitch is lower when U3 is removed. Replaced MC5532 with a spare bought locally. Pitch of screech changed slightly.

When key is down, and U3 is removed, screech pitch is lower when power is turned off. Does this suggest pin 5,6, and 7 section of NE5532 is oscillating during power off...with section 2,3,1 isolated by cut-off FET?

I removed headphone load from NE5532. Scope at junction of C27-R14 shows large amplitude oscillation for 30 seconds after power is removed. Frequency of oscillation decreases constantly.

I REALLY need suggestions for trouble shooting the microphonic board. The turn-off screech is less important to me...can live_with that.

If it is related to microphonics then it needs to be solved also.

Resoldering everything did not help. No Solder bridges seen.
Found no incorrect value parts.....no stuffing error.
I am too close to project to do an accurate part value check.
I checked the DC voltages at NE5532 and FET. All looked close.
At NE5532 input pin 3 was 7.5vdc (sb 8v).
FET gate too was 7.3 volts (sb 8v).

I am ready to strip the board of all connected cables, pots,
except power and headphone connection
to put the board into a TROUBLE SHOOTING mode.

I really need some help.

Thanks for any hints and help.

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Thu, 28 May 1998 18:31:38 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [11957] Elmer 101 - SW30+ in my enclosure -question
Message-ID: <356E0FFA.47A53A7E@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Elmer 101 folks.
Hi Elmer 101 builders.

My Sw30+ kit is up and running sort of, just a few troubles.
See other post. Hope you folks can help me with trouble shooting.

I just bent a small sheet metal u_shaped chassis for my kit.

Used junk box connectors for everything.
Headphone audio jack,
key jack,
BNC coax connector,

power connector.

As a result, DC input power negative wire connected to box metal at the connector panel.

So did headphone ground, key ground, coax BNC ground.

In the SW30+ Manual, ground returns for various ckts seem to be separate and isolated at the enclosure sheet metal.

TX Key shares ground with the headphone ground at the PCBoard.

Is my EVERYTHING circuit common grounding at the enclosure sheetmetal wall going to cause troubles?

If so, I will need to purchase specific connectors with isolated ground pins. I have not even seen BNC connectors or SO-239s with isolation from chassis. Same with headphone jacks.

Thanks for any clarification.

73, W6MIK

--

David Shalita (Dave)

af389@lafn.org

Van Nuys, CA

Date: Thu, 28 May 1998 21:37:58 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: Tracy@bytemark.com
Cc: QRP-L@Lehigh.EDU
Subject: [11958] Re: Polyakov, YU2HL and Doubling Mixers
Message-ID: <2.2.16.19980528212935.193f67f4@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>

>Anyway, out of the blue today a friend of mine (Gary, WD4NKA) faxed me a copy
>of a CQ article that appeared in June 1983 CQ Magazine. It discusses the
>violent RF environment in Europe, and how he (YU2HL, can't spell his name ...)
>went about getting the AM out of his receivers.

>

Actually there was an article published in QST either in the late 60s or early 70s by a YU describing an improved front end for the HW-7. I tried to fire up my QST CD ROM package but I'm getting an error about it not being

able to communicate with the runtime SQL engine so I couldn't find it.
(BTW, if anyone knows the cause of that error I'd be pleased to listen!)

Anyhow, I think it may have been Polyakov who wrote that article and it may have been a switching type mixer. I'll keep looking!

73

Date: Thu, 28 May 1998 21:52:16 -0400
From: kt3a@juno.com (Cameron C.R. Bailey)
To: qrp-1@Lehigh.EDU, epaqrp-1@Lehigh.EDU
Cc: BobWicks@aol.com, w3hms@aol.com
Subject: [11959] TAContest
Message-ID: <19980528.215328.3334.3.kt3a@juno.com>

Ladies, Gentlemen, and all ships at sea,

Don't forget on June 6, the primer for Field Day.
I'm talking about the TAContest.
Dust off the rigs and put down the soldering iron
for a few hours to participate in the first annual
TAContest. See June "QST" or go the EPA club's
page at: http://www.kpsnet.com/wb3aal/Start_Page.htm

There will be some great prizes related to Pennsylvania.
The NJ-QRP Club, our fine neighbors to the east are
donating a "Rainbow Tuner" kit for the winner in the
"TACTical category".

The EPA club is going to sponsor some great prizes too.

Learn the Telephone Area Codes in this one, you already
memorized the ARRL Grid Squares!

So, come on out Bubba, the FYBO is over now! Get ready
for FD.

72, KT3A
Cameron C.R. Bailey
Mount Wolf, Pennsylvania
kt3a@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 28 May 1998 22:11:10 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@Lehigh.EDU
Subject: [11960] The elusive YU front end for the HW-7
Message-ID: <2.2.16.19980528220246.09e71728@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ah, the joy of a real library! Paper does not have SQL runtime engine troubles!

I found the article -- it was in the October 1974 QST and was written by
Bozidar Pasaric, YU2HL!

He describes a "new front end" for the HW-7 intended to reduce the SWBC
interference on 40 meters. The new front end consists of a new preselector
input circuit that uses variable inductive coupling and a balanced mixer
made from two BF173 transistors and a home brewed push-pull transformer
coupling the front end to the Audio stages.

If you look carefully the etector is very similar to that used in the ARRL's
WARC receivers of the late 70s. Those used MPF102s and a transistor audio
output transformer for coupling to the audio stage.

WHile I am not certain, I think anyone who is interested can order a copy of
the article from ARRL Headquarters. Those of you who work there and lurk
her can confirm or deny this!

Meanwhile, I'm still looking for an explanation of the error I get when I
try to use the QST CD-ROM software.

Date: Thu, 28 May 1998 19:56:58 -0400
From: "Jay Heffner" <cjayheff@erols.com>
To: <qrp-l@Lehigh.EDU>
Subject: [11961] 38S 5W mod
Message-ID: <01bd8a94\$4cd8a020\$786daccf@scs-micron1.eng.usps.gov>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="----=_NextPart_000_0014_01BD8A72.C5C70020"

This is a multi-part message in MIME format.

-----=_NextPart_000_0014_01BD8A72.C5C70020

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I just completed my 38 special, and it is working fine. However, I am =
having trouble getting contacts since my antenna is in the attic, and =
would like to install the 5W mod. I have heard that this mod totally =
messes up the rig. Was this problem fixed? If so, what were the changes =
made to the original schematic? TNX in advance.

73/72,
Craig, KF4NYZ

-----=_NextPart_000_0014_01BD8A72.C5C70020

Content-Type: text/html;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

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http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>

<BODY bgColor=3D#ffffff>
<DIV>I just completed my 38 special, and =
it is=20
working fine. However, I am having trouble getting contacts since my =
antenna is=20
in the attic, and would like to install the 5W mod. I have heard that =
this mod=20
totally messes up the rig. Was this problem fixed? If so, what were the =
changes=20
made to the original schematic? TNX in advance.</DIV>
<DIV> </DIV>
<DIV>73/72,</DIV>
<DIV>Craig, =
KF4NYZ</DIV></BODY></HTML>

-----=_NextPart_000_0014_01BD8A72.C5C70020--

Date: Thu, 28 May 1998 20:23:47 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [11962] Solar Report 28 May
Message-ID: <Pine.SOL.3.91.980528195802.11430B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gee ... the sun actually did something today! An M-class and smaller C-class flares after being dormant for 3 weeks. It shouldn't effect us much, but perhaps indicative of the start of some prolonged activity. The solar period is 28 days, for which the solar flux will go up and down over this period. We are due for the flux to start back up, which could be accompanied with some solar disturbances.

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 148 ISSUED AT 2200Z ON 28 MAY 1998

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z TO 28/2100Z: SOLAR ACTIVITY WAS MODERATE. REGION 8226 (N18W81) PRODUCED A M1/SF WITH AN ERUPTIVE PROMINENCE AND MINOR RADIO BURSTS AT 28/1353Z.

Eruptive prominence is an OPTICAL detection of mass being thrown outward from the sun, more "volcano" style, as opposed to a "halo" flare, where the mass gets caught in the magnetic field lines. An eruptive prominence *can* sling a bunch of particles at the earth (see below).

REGION 8227 (N26E53), A D-TYPE BETA GROUP, PRODUCED A C2/SF WITH MINOR RADIO BURSTS AT 28/1126Z.

Remember ... radio bursts from a solar disturbance are short term, lasting only a bit longer than the event itself. So by the time you read about it ... it is history. But today's activity does suggest the sun may be heating up for some more activity over the next week or so.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. REGION 8226 IS CAPABLE OF FURTHER M-CLASS ACTIVITY

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO ACTIVE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET TO UNSETTLED THROUGH 30/1600Z. WE EXPECT

PERIODS OF ACTIVE TO MINOR STORM CONDITIONS ON 30-31 MAY IN RESPONSE TO THE LONG DURATION C7 X-RAY EVENT ON 27/1335Z.

A CME OCCURRED WITH THIS EVENT AND EJECTA APPEARS EARTHBOUND.

Ejecta, the heavy particles and protons that can smack into the Earth's magnetic field and cause geomagnetic storming. Trajectory indicates we'll get hit, but it is difficult to predict if the effects will be moderate or severe. However, it was not a major event, and therefore even strong geomagnetic storming will be relatively short lived.

IV. PENTICTON 10.7 CM FLUX

OBSERVED 28 MAY 098
PREDICTED 29 MAY-31 MAY 098/098/096
90 DAY MEAN 28 MAY 108

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 MAY 008/007
ESTIMATED AFR/AP 28 MAY 006/008
PREDICTED AFR/AP 29 MAY-31 MAY 007/008-012/015-018/015
 ^^^^^ ^^^^^ ^^^^^
 FRI SAT SUN
 Quiet --- Noisy ----

72, Paul NA5N

Date: Thu, 28 May 1998 23:14:03 EDT
From: sigcom@juno.com (Stephen M Smith)
To: qrp-l@Lehigh.EDU
Subject: [11963] 2222
Message-ID: <19980528.112813.8159.0.sigcom@juno.com>

Group,

Anybody know anything about the "new" 2222 contest rules for Pacificon?
I e-mailed Doug but haven't heard anything back yet.

73.....Steve, WB6TNL Oxnard, CA QRP-L #621 Zombie #2065 ex-WN6TNL
(1967)

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 29 May 1998 01:54:47 -0500
From: Wayne Alexander <walexander@wwn.net>
To: qrp-l@Lehigh.EDU
Subject: [11964] 10 meters
Message-ID: <3.0.3.32.19980529015447.006a7b28@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

I am hearing K5AB beacon at s9 to 5 over in Missouri at 0322z. I don't hear any foxi.

<paraindent><param>out</param>73

</paraindent>KB0PTE

Wayne

QRP-L #1058

FISTS # 4907

<http://www.wwn.net/walexander>

E-Mail Address: walexander@wwn.net

Date: Thu, 28 May 1998 23:37:07
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [11965] W2UX - CW Fox Count Now at TEN.
Message-ID: <3.0.3.16.19980528233707.400fa132@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Ten meters was busy tonite. Condx were not the best but the QRP-L OPs were

on CW . Worked 5 QRP-L ers tonite to bring the Fox Pelt total to ten. I don't know if it is worth bragging about but I have been working at it.

Some guys hanging around 28.040 and others around 28.060.

This is fun!!

See you on Ten Meters.

Gary
W2UX

=====
72/73 de W2UX
Gary McCaughey
Lexington, SC
CW is the REAL THING!
Use it....or lose it.
QRP-ARCI QRP-L CQC
=====

Date: Fri, 26 May 1995 20:27:55 -0700
From: "Frank A. West" <ke6vbm@earthlink.net>
To: "Joe Gervais" <vole@primenet.com>, <qrp-l@Lehigh.EDU>
Subject: [11966] Re: Adventurer/QRPPer Sightings on PCT?
Message-ID: <199805290353.UAA12609@denmark.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well I finally got the @\$!%&*(^^%% computer to compute today.
966 E-mail messages in the "QUE"
Needless to say I have not got it together yet.
Fried just about everything. Complete rebuild now done and running.
Lost everything on the hard drive, even had a professional check it out.
WIPED OUT.
Fortunately I did ship some stuff to a friend and that is safe. Will get
back to the web page next days off. I promise.

Gody, took time off of the hike to make Dayton (lucky stiff).
He is going to get back to it soon. I haven't talked to him in a few days
so I am not sure when. I will let you all know when.
73 de Frank

> Subject: Adventurer/QRPPer Sightings on PCT?

> Has anyone made contact with Gody (AC6UV), our
> truly foot-mobile QRPer yet? He's the fellow
> who's just started hiking the length of the
> Pacific Crest Trail (PCT), all 2665 miles of
> it, from the Mexican to Canadian border.

Date: Fri, 29 May 1998 03:03:12 EDT
From: DYARNES@aol.com
To: k0hb@juno.com, qrp-1@Lehigh.EDU
Subject: [11967] Re: [CW] Flexible thinking about c.w. requirements is needed!
Message-ID: <58ab6ab8.356e5db1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 5/28/98 10:18:05 AM US Mountain Standard Time,
k0hb@juno.com writes:

<< Younger hams have growing families, less disposable income, and
likely find it harder to get a couple of days away from work to
"do Dayton". >>

This pretty much mirrors my initial reaction to Dave's comments. There is
absolutely no doubt in my mind that younger people are generally finding it
harder in these "prosperous times". Job security is less, wages on a constant
dollar basis are less, many young (and older) people are being forced to work
multiple part time jobs instead of one steady job (with benefits), etc.
Combine this perhaps with some of the "gouging" that we so often hear about in
Dayton (hotels jacking up prices in inverse proportion to the amount of
available hot water, etc) and maybe a trip to Dayton doesn't sound so
appealing. There's a lot of greed out there folks! By the way, Dayton isn't
the easiest place to get a cheap airfare for either.

72 de Dave W7AQK

P.S. There is a solution, however. In fact there are at least two! One is
Ft. Tuthill, and the other is Pacificon!

See ya!

Date: Thu, 28 May 1998 21:14:42 +0100

From: Leon Heller <leon@lfheller.demon.co.uk>
To: Tracy@bytemark.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11968] Re: Polyakov, YU2HL and Doubling Mixers
Message-ID: <FJ210AAyWcb1Ew10@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <01BD8A52.850E4C20.tracy@bytemark.com>, Tracy
<Tracy@bytemark.com> writes
>I'd swear I saw a post here on frequency-doubling mixers, however I couldn't
>find them ...
>
>Anyway, out of the blue today a friend of mine (Gary, WD4NKA) faxed me a copy
>of a CQ article that appeared in June 1983 CQ Magazine. It discusses the
>violent RF environment in Europe, and how he (YU2HL, can't spell his name ...)
>went about getting the AM out of his receivers.
>
>It turns out that the mixer is actually working as a switching device, and has
>a few really interesting advantages, not the least of which are doubling the LO
>frequency and AM rejection.
>
>Has anyone built anything akin to this device? It seems like it should have
>merit for the crowd looking to jump to 6m, and looks like it satisfies
>Minimalist requirements. (For you, Rev. ...)
>
>What intrigues me about this is the comment in the article that states the
>mixer is actually working as a switching device. Is there any thought in using
>modern switching technologies for this type of receiver? The way it is
>described in the text, I might be inclined to believe so.
>
>Food for thought, and interesting food at that. Any comments?
>Tracy, N4LGH #1453

Ordinary diode mixers use the diodes as switches, and generally work
better with square wave input from the LO.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Fri, 29 May 1998 06:08:27 EDT
From: MJC191@aol.com

To: qrp-1@Lehigh.EDU
Subject: [11969] The Happy Dance (longish)
Message-ID: <49243861.356e891c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi QRP Brethren & Sistren:

First got on the air in 1979. Ran a Tempo One at 100+ watts. Didn't know any better.

Mid 80's...the QRP bug (a flea?) bit... ran HW7, HW8, Argonaut. Had fun. Lots of FB qso's... JA's on 15 meters with 1 watt from Boston...stuff like that. Sold rigs to pay the daughter's long distance phone bills.

Early 90's... ran a Kenwood TS130 mobile from the truck... All ssb, all 100 watts out on 40 and 20. Didn't know any better. Crashed the truck. Long QRT.

1997 ... Friend KA1AT lends me an old dusty Yaesu 101e. 300 feet of wire go up into the trees out back..nice horizontal loop. Start hanging out around 7.040. Start working guys with amazing little rigs...NorCals, Emtechs, Oak Hills..all sounding great at 3, 2, 1, even less watts. Crank the Japanese Beast down to 3 or 4 watts... works greats..lots of fun QRP contacts, but sort of like using a tank to drive to the grocery store.

Yesterday.. Shiny new MFJ 9040 QRP 40 meter rig arrives at the door...cute as a puppy. Work PA MD CT NJ and ONTario in 3 hours on a lousy band. Gonna do it right this time. Portable & mobile adventures await. Great rig. Doing the Happy Dance.

Thanks to Ernie AA2YK, Bob WA2HOQ & Paul NA5N for the advice and inspiration.

72/73 to all Mike NA1XX

Date: Fri, 29 May 1998 09:58:23 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: af389@lafn.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11970] Re: Elmer 101 - Sw30 kit- Trouble
Message-ID: <yiBIONAvinb1EwAT@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <356E0BDE.21748B57@lafn.org>, David Shalita <af389@lafn.org> writes

>Hi Folks, I am learning and having fun but do need some help.
>I am using a pair of KOSS PR04 head phones with my kit.
>Does anyone know the impedance of these BEAUTIFUL OLD headphones?
>When I wire both ears in parallel, my kit audio and side tone
>drop too low. Could these phones be too low Z for the NE5532 amp?
>Now only one ear is being driven, audio sounds good.

Op amps have a very low output impedance. Your problem is simply that you don't have enough power to drive the headphones, which are probably rather inefficient.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Fri, 29 May 1998 08:24:38 -0400
From: Joseph Trombino jr <joebarb@wilmington.net>
To: QRP-L@Lehigh.EDU
Subject: [11971] DD-1 is sold
Message-ID: <3.0.1.32.19980529082438.0073e9f4@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The DD-1 is now spoken for.

cheers and 73, Joe W2KJ

Date: Fri, 29 May 1998 07:36:09 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [11972] 6 is Hot, 10 improving
Message-ID: <3.0.1.32.19980529073609.006a5764@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPLers,

6 has been hot the past two weeks. Been working lots of grids and states coast to coast QRP CW (50.090 to 50.1) and SSB. East coast has been open to the caribbean and south america. Check the Six Club and VHF net for lots of feedback on conditions. (2 meters and 70 cm are getting lots of openings too)

Six Club

50mhz@qth.net
http://6mt.com

VHF list (no digest)

Majordomo@W6YX.Stanford.EDU
subscribe vhf

72/73 -- Chuck, W5USJ, EM22cv

Date: Fri, 29 May 1998 09:11:04 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-l@Lehigh.EDU
Subject: [11973] RE: 10 meters
Message-ID: <33065.owen@piper.eeel.nist.gov>

In message Fri, 29 May 1998 01:54:47 -0500,
Wayne Alexander <walexander@wwn.net> writes:

> I am hearing K5AB beacon at s9 to 5 over in Missouri at 0322z. I don't
> hear any foxi.

> <paraindent><param>out</param>73

>

I heard K5AB also from 0045Z to 0200Z when he was much weaker here in Maryland. I also heard W4DEC Larry at 579 working stations but, Larry I couldn't get you to come back to me. I worked KT4MX at 0105 and he was 569 almost until the end. I called CQ FOX from 0145-0200Z with no response, all this on 28.059 Mhz. Will try again tonight.

Corsair II @ 5W to 4 ele Finco Yagi @ 47 feet.

72 Jim K4CGY QRP-L #72

Date: Fri, 29 May 1998 08:22:19 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [11974] QRP on 6
Message-ID: <9805291321.AA15071@uahis1.uah.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

Six was wide open Thursday evening (Friday UTC). Was able to work DM14 (California) from EM64 (Alabama) on QRP SSB with bare transverter. I'll be listening for you at 50.200 (U.S.) and 50.125 (DX), as well as 50.400 AM.
73 Bryan W8LN

Date: Fri, 29 May 1998 10:03:30 -0400
From: "Heron, George" <G.Heron@dialogic.com>
To: QRP-L <qrp-l@Lehigh.EDU>, njqrp@njqrp.org
Subject: [11975] Antenna Analyzer Schematics
Message-ID: <DC98876F9BBBD111A5F900A02461FF139F272F@mailnj.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain

A bunch of people have noted that I hadn't yet posted the schematic files for the Rainbow Antenna Analyzer project that we presented at FIDM in Dayton a couple of weeks ago. I've been having a heck of a time externalizing schematics (printing, publishing, posting on websites), and I'm now trying the use of PDF files.

So along with all the other info, slides, backgrounder, etc, up on the NJ-QRP website, you can also now see the three Antenna Analyzer schematics (transmitter, microcontroller, bridge) in PDF file format. (You'll need the Adobe Acrobat Reader freeware that most people already have in order to view and print PDFs.)

The direct URL is: <http://www.njqrp.org/mbproj/analyzer/analyzer.html>

72,
--George Heron, N2APB
g.heron@dialogic.com in Sparta, NJ

Date: Fri, 29 May 1998 09:08:37 -0500

From: bkobie@webtv.net (patrick obrien)
To: qrp-1@Lehigh.EDU
Subject: [11976] 30 mtrs
Message-ID: <199805291408.HAA12187@mailtod-132.iap.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

ANYONE HAVE A MFJ QRP XCVR FOR 30 OR 17 MTRS? AT A REASONABLE PRICE, OR
TRADE FOR A MFJ 9020 20 MTR XCVR.....QSL E MAIL, 73 PAT/K8LEN

Date: 29 May 1998 10:05:25 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: af389@lafn.org
Cc: qrp-1;;
Subject: [11977] Re: Elmer 101 - Sw30 kit- Trouble
Message-ID: <1998May29.100525-0400@[130.113.234.7]>

In <356E0BDE.21748B57@lafn.org>, David Shalita wrote:

- >1. My SW30+ Board is microphonic near NE5532 and parts.
- > Caps C20 and C21 are most sensitive, cause largest pulses
- > on scope when tapped.
- >
- > Should the board be microphonic when tapped or moved?

Microphonics can be avoided. C20 and C21 are the most susceptible to microphonics since they're at the front-end of all the audio gain. Any stress on these ceramic capacitors excites tiny piezo-electric properties of the dielectric, generating voltages that look like legitimate input signals. Sometimes soldering stresses aggravate the problem.

You can all but eliminate the problem by replacing C20(0.1uf) and C21(0.01uf) with metal-film capacitors like mylar, polyethylene, polyester. You'll likely have to get low-voltage ones that are small enough to fit. C25(820pf) and C26(2200pf) can be slightly microphonic too, but there's much less gain between them and your headphones.

- > Touching R3 causes 3v pp output at junction C27-R14, and headphone.
- > Touching R2 causes .5 to .7 v pp.
- > Should the gain be the same when touching each resistor with finger?
- > Should gain be same from pin 4 and pin 5 of U3 to output C27-R14
- > if I inject a few millivolts of 800 hz single
- > ended to ground?

Yes, U4 is a differential amplifier. You should have the same gain

from U3(pin4) as U3(pin5). However, R3 is at a much higher impedance than R2, so its reasonable that your finger test produces more output from the high-Z input.

Date: Fri, 29 May 1998 08:15:16 -0600
From: "James R. Duffey" <ji3m@maxwell.com>
To: af389@lafn.org
Cc: qrp-1@Lehigh.EDU
Subject: [11978] Koss Pro4 Headphones and Audio Drive
Message-ID: <v03007801b194714f5b23@[192.31.66.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dave - I have a pair of these too. They are wonderful, not only fo rhte stereo, but also for the shack.

"I am using a pair of KOSS PR04 head phones with my kit.
Does anyone know the impedance of these BEAUTIFUL OLD headphones?"

I think they are pretty close to 8 Ohms, which will give you 4 Ohms when you tie the earpieces in parallel.

"When I wire both ears in parallel, my kit audio and side tone drop too low. Could these phones be too low Z for the NE5532 amp?

4 Ohms is probably too low for a single opamp like the NE5532 to drive.

"Now only one ear is being driven, audio sounds good."

This is encouraging. If you tie the earpieces in series the impedance will go up (double) and if the audio sounds good with one then you should have no problem driving both of them to good sounding audio. You can easily make an adapter to tie them in series, or wire the jack in the rig to put them in series. The aritcle in "QRP Power" shows how to do this. It will require insulating the jack from ground.

Let us how it all turns out. I'll bet those Koss cans weigh more than the SW30+ does!! - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5 DM65 <jamesd1@flash.net>
30 Casa Loma Road
Cedar Crest NM 87008

Date: Fri, 29 May 98 10:37:03 EDT
From: Martin E Hartwell x2091 <meh@cbsms1.cb.lucent.com>
To: qrp-1@Lehigh.EDU
Subject: [11979] Antenna for sale
Message-ID: <199805291436.KAA11444@emsr2.emsr.lucent.com>

Hello

Does anyone here do low power vhf work? I have a ringo ranger 5/8 antenna I am selling. This antenna can be tuned anywhere in the 2 meter band for ssb, cw, low power, fm, anything. I think it can even be tuned in the marine band however I can't really vouch for that.

I have the antenna in very nice condition, the matching stub coax, and the manual I think. I have a nice box to package it in for shipping. I am asking \$55.00 including shipping CONUS. Respond as below. If by phone leave a message if I don't answer, I am in town this week and probably next too.

Marty kd8bj

PS. The reason I am selling if it matters, is we just moved into a new neighborhood with restrictions on outside antennas. Good thing I am only about two miles from the work location with a club station and good antennas.

I may cheat some and string a long wire out the back for hf work on weekends.

--

Martin (Marty) Hartwell Phone: (614)860-2091
Email mhartwell@lucent.com

Its what you learn after you know it all that counts.

Date: Fri, 29 May 1998 10:42:00 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: <ji3m@maxwell.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [11980] Re: Koss Pro4 Headphones and Audio Drive
Message-ID: <00d701bd8b10\$0370bea0\$4ea898a9@jaxadmin2-89.mediaone.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Yes, the Signetics NE5534/5532 series of op-amps were never designed to drive an impedance of less than 600-ohms. In the broadcast world, a two transistor complimentary-symmetry current driver pair almost always follow the op-amp when driving low impedance, and inductive loads.

Another consideration is that unless a bipolar power supply is to power the op-amp, a very high value of output capacitance is required to prevent severe low frequency roll-off at such low output impedances.

Series resistance will make the op-amp happier and more stable, although at the expense of lower headphone volume.

Although the distortion specification is higher than a typical op-amp, the LM386 genre of amplifier may be better suited for a headphone application, especially for communications audio purposes.

-Paul, W9AC

-----Original Message-----

From: James R. Duffey <ji3m@maxwell.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Friday, May 29, 1998 10:18 AM

Subject: Koss Pro4 Headphones and Audio Drive

>Dave - I have a pair of these too. They are wonderful, not only fo rhte
>stereo, but also for the shack.

>

>"I am using a pair of KOSS PR04 head phones with my kit.

>Does anyone know the impedance of these BEAUTIFUL OLD headphones?"

>

>I think they are pretty close to 8 Ohms, which will give you 4 Ohms when
>you tie the earpieces in parallel.

>

>"When I wire both ears in parallel, my kit audio and side tone
>drop too low. Could these phones be too low Z for the NE5532 amp?

>

>4 Ohms is probably too low for a single opamp like the NE5532 to drive.

>

>"Now only one ear is being driven, audio sounds good."

>

>This is encouraging. If you tie the earpieces in series the impedance will
>go up (double) and if the audio sounds good with one then you should have
>no problem driving both of them to good sounding audio. You can easily make
>an adapter to tie them in series, or wire the jack in the rig to put them
>in series. The aritcle in "QRP Power" shows how to do this. It will require

>insulating the jack from ground.
>
>Let us how it all turns out. I'll bet those Koss cans weigh more than the
>SW30+ does!! - Dr. Megacycle KK6MC/5
>
>James R. Duffey KK6MC/5 DM65 <jamesd1@flash.net>
>30 Casa Loma Road
>Cedar Crest NM 87008
>
>
>
>

Date: Fri, 29 May 1998 08:01:43 -0700
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [11981] Bulletin: Goldwater SK
Message-ID: <19980529150148.YPCJ24685@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

This just in AP and Reuter quoting KTAR Radio ...
say BarryGoldwater, K7UGA, died this morning in Arizona.
Not QRP, but I thought you'd want to know....
Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Fri, 29 May 1998 09:04:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [11982] Goldwater
Message-ID: <Pine.SOL.3.91.980529090209.25574B-100000@gpfn1.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just saw the news about Senator Barry Goldwater on TV...Amateur radio has
lost a champion...72 - Bruce(VE5RC)

From: George N2JNZ
Hi Bill!!!
If you still have those 2 Argo 509s could you drop me a E-mail
please!! Mni tnx !!

George Osier N2JNZ

Date: Fri, 29 May 1998 09:32:17 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Alan Kaul W6RCL <alan.kaul@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11985] Re: Bulletin: Goldwater SK
Message-ID: <Pine.SOL.3.91.980529092410.17667A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 29 May 1998, Alan Kaul W6RCL wrote:
> This just in AP and Reuter quoting KTAR Radio ...
> say BarryGoldwater, K7UGA, died this morning in Arizona.
> Not QRP, but I thought you'd want to know....

It *is* QRP related. Barry was a ham and a gentleman as both are
meant to be. I worked him several times ... the first was in 1964
as a Novice ... he answered my CQ on the novice band while a U.S.
Senator! Met him twice at the Ft. Tuthill hamfest, once while still
a senator, once shortly after he retired. Both times he was no different
than all the other hams who goes to hamfests, except he always had the
time to shake your hand and tell a story or two.
Yeah, I have a tear in my eye.

Barry Goldwater, K7UGA ... AuH20

72, Paul NA5N

Date: Fri, 29 May 1998 12:09:59 -0400
From: Ken Newman <n2cq@citnet.com>
To: njqrp@njqrp.org, QRP-L@Lehigh.EDU
Cc: epaqrp-l@Lehigh.EDU
Subject: [11986] NJQRP Meeting Beacon
Message-ID: <1.5.4.16.19980529160314.26e79f96@mail.citnet.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi QRPers,

The NJ QRP Club meeting is scheduled Saturday, May 30th at 1300 UTC (9 AM EDT).

The details can be found at <http://www.njqrp.org>.

There has been a beacon planned while the meeting is in progress. It will be on 7040 approximately with 5 watts, end-fed-half-wave antenna with a Rainbow Tuner. It is planned to operate in the meeting area for some time and later moved outside for additional antenna show-n-tell activity. The beacon will be repeated at speeds from 10 to 40 WPM.

We hope 'yall will take a look for the beacon and send us a report. A QSL will be if requested.

Look for us Saturday!

NJQRP Club
72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Fri, 29 May 1998 10:57:07 -0500
From: Rohn <rohn@pubrats.com>
To: qrp-l@Lehigh.EDU
Subject: [11987] Sierra mods...
Message-ID: <199805291614.LAA15373@tavern.pubrats.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just received my Sierra kit today and three band modules (sans KC2, which is backordered... that's fine Bob, it'll be a little bit before I'm ready to install that component I think). I've got a few less expensive kits under my belt, and I'm participating in the Elmer101 class so I finally felt I was ready to take the plunge - and with the 10 meter module I'll be able to truly start hunting some summer fox!

Uh, but... all the recent talk about modifications to resolve the lower than low power output has got me a little worried now. I'm still confident

that I can built it, but will it perform once complete... Is there a consolidated, or recommended, list of mods somewhere on the web? Should I build it vanilla first or is there a mod or two I should plan to incorporate while building it (I've seen mention of a different number of windings here and there, as well as replacing J309 with J310 at Q5, adding ferrite beads, using silver mica caps - some of these, if indeed necessary or helpful, seem easier to do at the outset)?

All in all I've heard great things about the Sierra; it may be quite premature (and I'm likely only to awaken the attention of Murphy's minions, masterminding a mischievous marvel of muck ups and messes) but I'll still say that I'm excited to have one!

Thanks in advance for any info!
72's
Rohn, NORTX

Date: Fri, 29 May 1998 16:05:40 +0000
From: Ed Loranger <we6w@qsl.net>
To: ke6vbm@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11988] Re: Adventurer/QRP'er Sightings on PCT?
Message-ID: <356EDCD4.7D76@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Frank and gang: I worked Gody 3 times over the weekend.

He's only going to be playing radio on Saturdays and only on 20 Meters. Maybe only in the mornings.
-Ed Loranger

>
> Gody, took time off of the hike to make Dayton (lucky stiff).
> He is going to get back to it soon. I haven't talked to him in a few days
> so I am not sure when. I will let you all know when.
> 73 de Frank
>
> > Subject: Adventurer/QRP'er Sightings on PCT?
> > Has anyone made contact with Gody (AC6UV), our
> > truly foot-mobile QRP'er yet? He's the fellow
> > who's just started hiking the length of the
> > Pacific Crest Trail (PCT), all 2665 miles of
> > it, from the Mexican to Canadian border.

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 29 May 1998 17:08:42 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [11989] QRPP Index Updated
Message-ID: <199805291608.RAA08195@chuck.dallas.sgi.com>

Gang,

For those old and new to the group. I have updated the index to all the issues of QRPP, the official newsletter of the NorCal QRP Club and placed same at the lehigh.edu site. In order to get the latest and greatest, send email to

LISTSERV@LEHIGH.EDU

and in the body of the message put

GET QRP-L CLUBS/NORCAL QRPP.INDEX

and then send it on.

Note: the caps are just to keep people from typing a 1 for a l, etc.

The file is more than 830 lines long now. Hard to believe the Doug Hendricks, KI6DS, Editor of QRPP is now starting on his sixth year of hard work. The index file also has information on joining NorCal, subscribing to QRPP, and getting the previous years by volume from Doug.

This message provided as a public service to the group and I don't get any commissions that I know of. :-) Just another satisfied charter subscriber.

dit dit de NorCal #40

There may be some undetected typos, but hey, if it was easy someone else would be doing it. :-)

p.s. I now have a way to generate ISO 9660 CD ROMS. Anyone

interested in getting all the archives on a CD? Of course,
it'd be obsolete the instant it was created. :-)

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Fri, 29 May 1998 09:18:32 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [11990] Re: Bulletin: Goldwater SK
Message-ID: <3.0.1.32.19980529091832.0069054c@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:32 AM 5/29/98 -0600, you wrote:

<snip>

>he was no different
>than all the other hams who goes to hamfests, except he always had the
>time to shake your hand and tell a story or two.
>Yeah, I have a tear in my eye.

>
>Barry Goldwater, K7UGA ... AuH20

>
>72, Paul NA5N

>
>
>
Never met the gentleman, but worked in his presidential campaign while I
was in high school...couldn't vote, but I did what I could, including
delivering cases of AuH20!

Amateur Radio has lost an irreplaceable champion.

72,

Jack, W7PW

Date: Fri, 29 May 1998 13:35:43 EDT
From: MNHopkins@aol.com
To: qrp-1@Lehigh.EDU

Subject: [11991] Why 6M beats 40
Message-ID: <f458f464.356ef1f0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I was fascinated with the new OCR RX in QST but did not buy the kit at Dayton because I already have two 40M rigs and don't use either. Why would a fellow with a G-QRP number less than 1K not use 40M and, worse, concentrate on 6?

Well,

1. Forty meters is too busy. I can never get any bench time when I tune in 40 -- always someone on and I don't need that. I don't get my appliances at Action Rentals, either. I can deal with deferred gratification.
2. The foreign broadcasters, Mexican SSBers and digital weenies make it too much trouble to work 40.
3. I discovered Mike Bryce's secret -- the one he is keeping from you -- 30 is better in all ways. But there is a corollary to Bryce's Rule: Michael's Maxim:

Six Meters is the best band for QRP

because:

1. You get in lots of bench time while the RX does the snake: "Hisssssss..."
2. When Six opens your get a narcotic like charge and, better still, the QROs are used to listening for weak stations.
3. I can build a good antenna simply and unobtrusively -- even use a 30M full wave loop for the best two bands in ham radio.
4. The Yahoos and ex-CBers and California Killowatters and all that flotsam and jetsum concentrates from 50.110 to 50.150 where it is easily avoided. You can work CW at 50.090, AM at 50.400 and do what you wish while those clowns argue about a cat hair's worth of width in a 4 mc wide allotment.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Date: Fri, 29 May 1998 12:40:05 -0500
From: Rohn <rohn@pubrats.com>
To: qrp-l@Lehigh.EDU
Cc: qrpbob@datatamers.com, kjlopez@earthlink.net, johnb@elmhurst.edu,
henmel@postoffice.worldnet.att.net, rerobins@email.uncc.edu
Subject: [11992] Re: Sierra mods...
Message-ID: <199805291757.MAA15645@tavern.pubrats.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thank you to everyone who so <amazingly> quickly responded to my Sierra mod questions. I had known that there have been revisions to the design incorporated into the current version as sold by Wilderness Radio... I guess I was reacting more to the recent discussions and had assumed that they were in reference to the current "model C" of the radio.

Yes, I'll build it stock first and see where that takes me. I don't mind not having a full five watts out and I understand the trade off necessary for low power consumption.

If anything, I have even more good feelings for Bob and Wayne for continuing to support and incorporate 'after-market' tweaks and enhancements.

Tonight it's time to begin the pleasurable task of assembly...
...it'll help distract me from my lust of a K2 :)

72's
Rohn, NORTX

Date: Fri, 29 May 1998 13:56:46 -0400
From: Ken Newman <n2cq@citnet.com>
To: QRP-L@Lehigh.EDU, njqrp@njqrp.org
Cc: epaqrp-l@Lehigh.EDU
Subject: [11993] Re: NJQRP Meeting Beacon (Corrected)
Message-ID: <1.5.4.16.19980529175001.18bfe87a@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Group,
Major boo-boo: frequency will be 7050 +/- 5, ok?
Can't beacon even close to the Xtal only freq.

72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Fri, 29 May 1998 14:08:50 EDT
From: DYARNES@aol.com
To: qrp-1@Lehigh.EDU
Subject: [11994] Barry Goldwater, K7UGA SK
Message-ID: <8d39168c.356ef9b3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Barry Goldwater died at his home shortly after 7 a.m. this morning. I'm sure there will now be significant coverage in the news. We have all lost a good friend. Barry was 89.

72 de Dave W7AQK

Date: Fri, 29 May 1998 14:22:49 EDT
From: DYARNES@aol.com
To: jaevans@codenet.net, qrp-1@Lehigh.EDU
Subject: [11995] Re: Sen Barry Goldwater
Message-ID: <74732113.356efcfa@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 5/29/98 8:30:54 AM US Mountain Standard Time, jaevans@codenet.net writes:

<< Barry was also a big supporter of the USAF Academy here in Colorado Springs. The visitor center here was named after him. >>

As you and many others may know, Barry's other "vice" (besides ham radio) was flying. He loved it! He was a pilot of considerable skill, and a retired Brigadier General in the Air Force Reserve. I wonder if the poem "High Flight" will be considered for inclusion in his memorial service? Seems

appropriate to me.

72 de Dave W7AQK

Date: Fri, 29 May 1998 12:47:24 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Jack Parker <Pparker@greatbasin.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11996] Re: Bulletin: Goldwater SK
Message-ID: <Pine.BSI.3.96.980529124555.6779A-1000000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 29 May 1998, Jack Parker wrote:

> At 09:32 AM 5/29/98 -0600, you wrote:
>
> Never met the gentleman, but worked in his presidential campaign while I
> was in high school...couldn't vote, but I did what I could, including
> delivering cases of AuH2O!
>

We had a small campaign office around the corner from my juniour high school. I remember the cans of AuH2O, and still have all of the poseters, buttons, and stickers from back then.

What's all this
/ extinct stuff, anyhow? /
|/
oo\
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\\ \ . ' .
\\ \ ' "
 . () \
' - |) __ | : . \
 | | | | \ '
c__ ; c__ ; ' - . ' > . __

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Fri, 29 May 1998 20:58:28 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [11997] Ooops. QRPP.INDEX
Message-ID: <199805291958.UAA08933@chuck.dallas.sgi.com>

I'm guilty of the same thing as others, is my guess

GET QRP-L/CLUBS/NORCAL QRPP.INDEX

I omitted the / between qrp-l and clubs.

Sorry.

dit dit
Chuck Adams K5FO Dallas, TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Fri, 29 May 1998 16:13:52 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [11998] Barry Goldwater
Message-ID: <003901bd8b3e\$4e5a0ec0\$425445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Today CNN had about 15 minute spot about Barry Goldwater's death. They also said that he was an active Amateur Radio Operator and they showed a clip of him at the radio.

We did loose a good friend!

73, Good DXing & QRPing

Ron de WB3AAL

E-mail: wb3aal@talon.net
http://www.kpsnet.com/wb3aal/Start_Page.htm
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Fri, 29 May 1998 15:19:34 -0500
From: John Bohnert <johnb@elmhurst.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11999] Charger Kits
Message-ID: <356F1856.98DEB210@elmhurst.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have reached the point with my QRP interests that battery operation is of interest to me. I have been considering a 12V 7ah source. I am interested in the purchase of an appropriate battery charger, with "float" capabilities, in kit form. I have been running into a charger by A & A Engineering around \$60 (I believe). Any comments or suggestions of other possibilities?

72
John N9KW QRP-L #1257
Elmhurst, IL

Date: Fri, 29 May 1998 22:33:38 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU, discussion@lists.twc-inc.com
Subject: [12000] SOLAR: need recommendations, panels & control
Message-ID: <19980529223338.ZFZX5374@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings, all. The Candlewood A.R.A. will be all-QRP for Field Day this year -a MAJOR departure from the past. We're

interested in the possibilities of SOLAR power, perhaps a 40W job with appropriate controller for charge control, etc.

We're starting from Z-E-R-O here folks, so all comments & recommendations re sources, economies, URL's, etc. will be greatly appreciated.

Thanks in advance

72

s

Seab Lyon, AA1MY, Beacon, NY, USA
ARRL; QCWA; ACRI# 9253; QRP-L#574;
NEQRP# 511; Pres., C.A.R.A.:
<http://www.danbury.org/org/cara/>

Date: Fri, 29 May 1998 17:49:28 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: adams@chuck.dallas.sgi.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12001] Re: QRPp
Message-ID: <356F2D66.B0951161@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I still have not received any 1998 QRPp's. Got a welcome message to the club about 3 months ago. Is this normal?

Henry

Date: Fri, 29 May 1998 15:54:03 -0700
From: Bob Bayha <rbayha@ix.netcom.com>
To: SSLYON@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [12002] Re: SOLAR: need recommendations, panels & control
Message-ID: <356F3C8A.4DE30516@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Please reply via the list.... I'd like to soak this information in,
also... Thx.

Bob, K6RKB

End of QRP-L Digest 1106
